Meyer et al.

Inventor(s):

PATENT APPLICATION

ATTORNEY DOCKET NO. __ 200310103-1

Confirmation No.:

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application N	o.:	Examiner:
Filing Date:		Group Art Unit:
Title:	CIRCUIT BOARD ASSEMBLY	
Commissione PO Box 1450 Alexandria, V		
	INFORMATION DISCLOSURE STATEMENT	
Sir:		
This Inforr	mation Disclosure Statement is submitted:	
(V	nder 37 CFR 1.97(b), or Within three months of filing national application; or date of entry of nati Failing date of first office action on the merits; whichever occurs last)	onal application; or before
(nder 37 CFR 1.97(c) together with either a:) Statement under 37 CFR 1.97(e), or) a \$180.00 fee under 37 CFR 1.17(p), or After the CFR 1.97 (b) time period, but before final action or notice of allowa	nce, whichever occurs first)
(nder 37 CFR 1.97 (d) together with a:) Statement under 37 CFR 1.97(e)(1) or (2), and) a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of th	e issue fee)
pendency of	rarge to Deposit Account 08-2025 the sum of \$0.00 this application, please charge any fees required or credit 2025 pursuant to 37 CFR 1.25.	At any time during the any overpayment to Deposit
any required of applicant(s) be	cant(s) submit herewith Form PTO 1449 - Information Disclo copies of patents, publications or other information of which elieve(s) may be material to the examination of this applicatio lose in accordance with 37 CFR 1.56.	applicant(s) are aware, which
() A conci	se explanation of the relevance of foreign language patents, reign language information listed on PTO Form 1449, as	foreign language publications presently understood by the

individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO

It is requested that the information disclosed herein be made of record in this application.

"Express Mail" label no. EV227049419US

1449 and is enclosed herewith.

Date of Deposit 10/07/2003

I hereby certify that this is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA for Alexandria, 22313-14504

Typed Name: Chris Escavaille

Respectfully submitted,

Mey r et al.

Todd A. Rathe

Attorney/Agent for Applicant(s)

Reg. No. 38,276

Date: 9/12/2003

Rev 10/03 (IDSXML) Telephone No.: (414) 297-5710

Sheet 1 of 7

FORM					
	л PTO-1449		ATTY. DOCKET NO.	APPLICATION NO. CONFIRMA	ATION NO
LICT	OF DATENTS AND D	LIBLICATIONS FOR	200310103-1		
	OF PATENTS AND P ICANT'S INFORMAT		APPLICANT		
	STATI	EMENT	Meyer et al. FILING DATE	GROUP	
	(Use several sheets	if necessary)	TIENO DATE	dhoor	
REFERENC	E DESIGNATION	U.S. PA	ATENT DOCUMENTS		
EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines When Relevant Passages or Figures Ap	re opear
1.4	6,590,772 B1	7/8/2003	Ju		
16	6,570,763 B1	5/27/2003	McHugh et al.		
10	6,563,712 B2	5/13/2003	Akram et al.		
10	6,563,213 B1	5/13/2003	Wong et al.		
16	6,542,369 B1	4/1/2003	Wu		
11	6,542,368 B2	4/1/2003	Miyazawa		
10	6,525,938 B1	2/25/2003	Chen		
11	1 6,501,658 B2	12/31/2002	Pearson et al.		
11		12/31/2002	Carr		
1.	6,496,374 B1	12/17/2002	Caldwell		
11	6,496,372 B1	12/17/2002	Davison et al.		
	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENT OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translatio
11					attached
11		 			
11					
10		 			
1 1 1	>				
	<u> </u>	<u> </u>			<u> </u>
	OTHER REF	ERENCES (includin	g Author, Title, Date,	Pertinent Pages, etc.)	
1	PEM Bulletin A 1-4, 1997.	ALA "Floating Self-C	inching Fasteners" PEM	Fastening Systems, Danboro, PA, pç	js.
1	R				
I.	s l				
1					
EXAMINER			DATE CONSIDE		-

Sheet 2 of 7

FORM PTO-1449					ATTY. DOCKET NO.		APPLICATION NO.	CONFIRMA	TION NO	
LI	IST O	F PATENTS AND P	UBLICATIONS FOR		200310103-1					
		CANT'S INFORMATI	ON DISCLOSURE		Meyer et al.					
		STATE			FILING DATE		GROUP			
		Use several sheets	if necessary) ————————————————————————————————————					 		
REFERE	NCE	DESIGNATION	U.S. PA	ATEN	T DOCUMENTS					
EXAMINEF INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME		Pages, Columns Relevant Passages			
	2A	6,487,082 B1	11/26/2002	Cra	pisi et al.					
	2В	6,483,704 B2	11/19/2002	Ule	n et al.					
	2C	6,459,584 B1	10/1/2002	Kud	<u> </u>	-				
	2D	6,456,493 B1	9/24/2002	Lee)					
	2E	6,452,801 B1	9/17/2002	Che	en					
	2F	6,434,007 B1	8/13/2002	Sal	monson et al.				· · · · · · · · · · · · · · · · · · ·	
	2G	6,426,875 B1	7/30/2002	Akı	ram et al.					
	-	6,343,016 B1	1/29/2002	Lin						
	21	6,330,996 B1	12/18/2001	Yo	et al.					
	2J	6,330,908 B1	12/18/2001	Lee	e et al.			· · · · · · · · · · · · · · · · · · ·		
	2K	6,320,748 B1	11/20/2001	Roc	den et al.					
-		DOCUMENT NUMBER	PUBLICATION DATE		AME OF PATENTEE OR APPLICANT	_	Pages/Columns/Line elevant Passages/Figu		Check if Translation attached	
	2L									
	2М					<u> </u>		-		
	2N								-	
	20								+-	
	2P									
			ERENCES (includir	ng Au	thor, Title, Date, P	Pertin	ent Pages, etc.)			
	20									
	2F	R				_				
	28	3		<u>-</u>						
EXAMI	NER				DATE CONSIDER	RED				

Sheet 3 of 7

FORM PTO-1449				ATTY. DOCKET NO.	APPLICATION NO. CONFIRMA	ATION NO			
			NIELIOATIONIO FOO	200310103-1					
		ANT'S INFORMAT		APPLICANT					
		STAT	EMENT	Meyer et al. FILING DATE	GROUP				
	(1	Use several sheets	if necessary)						
REFERE	NCE	DESIGNATION	U.S. P/	ATENT DOCUMENTS					
XAMINEF INITIAL		DOCUMENT NUMBER	PUBLICATION DATE	NAME	Pages, Columns, Lines Wher Relevant Passages or Figures Ap				
	ЗА	6,310,779 B1	10/30/2001	Wang					
	3В	6,310,771 B1	10/30/2001	Chien					
	зс	6,304,453 B1	10/16/2001	Lo					
	3D	6,304,449 B1	10/16/2001	Zhang					
	3E	6,301,115 B1	10/9/2001	Hashimoto et al.					
	3F	6,297,444 B1	10/2/2001	Chuang et al.					
	3G	6,285,554 B1	9/4/2001	Westberg					
	ЗН	6,280,116 B1	8/28/2001	Szu					
	31	6,278,615 B1	8/21/2001	Brezina et al.					
	3J	6,275,380 B1	8/14/2001	Bollesen					
									
	3К	6,239,974 B1	 	REIGN PATENT DOCUME					
	3K	DOCUMENT NUMBER		- J	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translatio attached			
		DOCUMENT	FOF	NAME OF PATENTEE	Pages/Columns/Lines Where	Translatio			
	3L	DOCUMENT	FOF	NAME OF PATENTEE	Pages/Columns/Lines Where	Translatio			
	3L 3M	DOCUMENT	FOF	NAME OF PATENTEE	Pages/Columns/Lines Where	Translatio			
	3L 3M 3N	DOCUMENT	FOF	NAME OF PATENTEE	Pages/Columns/Lines Where	Translatio			
	3L 3M 3N	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 3N	DOCUMENT NUMBER	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 3N 3O 3P	DOCUMENT NUMBER	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 3N 3O 3P	DOCUMENT NUMBER	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 3N 3O 3P	DOCUMENT NUMBER OTHER REF	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 3N 3O 3P	DOCUMENT NUMBER OTHER REF	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 3N 3O 3P	DOCUMENT NUMBER OTHER REF	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 30 3P	OTHER REF	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
	3L 3M 3N 3O 3P	OTHER REF	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translation			
	3L 3M 30 3P	OTHER REF	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			
EXAMI	3L 3M 3O 3P	OTHER REF	PUBLICATION DATE	REIGN PATENT DOCUME NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Translatio			

Sheet 4 of 7

F	ORM	PTO-1449			ATTY. DOCKET NO. 200310103-1	_	APPLICATION NO.	CONFIRMA	ATION NO
LI	ST O	F PATENTS AND PL	JBLICATIONS FOR		APPLICANT				
		CANT'S INFORMATI	ON DISCLOSURE		I				
		STATE			Meyer et al. FILING DATE		GROUP		
	(Use several sheets i	if necessary)						<u>_</u>
REFERE	NCE	DESIGNATION	U.S. PA	ATEN	T DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME		Pages, Columns Relevant Passages		
	4A	6,229,705 B1	5/8/2001	Lee	•				
	4B	6,208,518 B1	3/27/2001	Lee	•				
	4C	6,191,944 B1	2/20/2001	Har	nmel et al.			· ·	
	4D	6,169,659 B1	1/2/2001	Wh	eaton		<u> </u>		
	4E	6,147,873	11/14/2000	Hua	ang				
	4F	6,144,092	11/7/2000	Kar	opes et al.			_	
	4G	6,128,200	10/3/2000	Chi					
	-	6,125,038	9/26/2000	Am	aro et al.	_			
	41	6,108,205	8/22/2000	Ber	gstedt				
	4J	6,084,781	7/4/2000	Kle					
	4K	6,075,710	6/13/2000	Lau					
		DOCUMENT	FOF PUBLICATION		PATENT DOCUMI	ENTS	Pages/Columns/Line	s Whore	Check if
		NUMBER	DATE		OR APPLICANT	Re	levant Passages/Figu	res Appear	Translation attached
	4L								
	4M					<u> </u>		_	
	4N								
	40								
	4P								<u> </u>
	1	OTHER REFE	RENCES (includin	ng Aut	thor, Title, Date, P	ertin	ent Pages, etc.)		
	40								
	4F	R							
	48	3							
EXAMI	NER				DATE CONSIDER	ED	-		

Sheet 5 of 7

FORM PTO-1449				ATTY. DOCKET NO.	Ā	PPLICATION NO.	CONFIRMA	TION N	
LIST (OF PATENTS AND P	UBLICATIONS FOR		200310103-1 APPLICANT			<u> </u>		
APPLI	CANT'S INFORMAT	ION DISCLOSURE EMENT		Meyer et al.					
	(Use several sheets			FILING DATE	G	ROUP	- <u>-</u>		
				<u> </u>		-			
REFERENCI	E DESIGNATION	U.S. P.	ATEN ⁻	T DOCUMENTS					
XAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE		NAME	R	Pages, Column elevant Passages	s, Lines Where or Figures App	ear	
5A	6,067,231	5/23/2000	Lu						
5В	6,055,158	4/25/2000	Pav	lovic					
5C	5,991,154	11/23/1999	Cle	mens et al.					
5D	5,986,887	11/16/1999	Sm	ith et al.					
5E	5,966,289	10/12/1999	Has	stings et al.					
5F	5,940,269	8/17/1999	Ко	et al.			· · · · · · · · · · · · · · · · · · ·		
5G	5,930,114	7/27/1999	Kuz	min et al.					
5H	5,928,024	7/27/1999	Mir	ıg-Huang					
51	5,896,270	4/20/1999	Tsu	i					
5J	5,886,871	3/23/1999	Jef	fries et al.					
5K	5,870,287	2/9/1999	Roc	Iriguez et al.					
	DOCUMENT NUMBER	PUBLICATION DATE	N/	AME OF PATENTEE OR APPLICANT	Pa Relev	ges/Columns/Line ant Passages/Figu	s Where ures Appear	Check Translati attache	
5L									
5№									
5N									
50)								
5P									
	OTHER REF	ERENCES (includir	ng Au	thor, Title, Date, Pe	ertinen	t Pages, etc.)			
5	۵		_		<u>·</u>				
5	R		_		_				
5:	s		····						
EXAMINER				DATE CONSIDERE	ED.				

FORM	PTO-1449			ATTY. DOCKET NO.		APPLICATION NO.	00015151	
	1 10-1445		ŀ			AFFLICATION NO.	CONFIRMA	ATION NO
LIST O	F PATENTS AND P	UBLICATIONS FOR		200310103-1 APPLICANT				
	CANT'S INFORMAT	ION DISCLOSURE		Mey r et al.				
		EMENT		FILING DATE		GROUP		
	Use several sheets	if necessary)						
REFERENCE	DESIGNATION	U.S. PA	ATENT	DOCUMENTS				
XAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE		NAME		Pages, Column Relevant Passages		
6A	5,748,446	5/5/1998	Feig	htner et al.				
6B	5,764,485	6/9/1998	Leba	aschi				 ,
6C	5,742,844	4/21/1998	Feld	man				
6D	5,651,688	7/29/1997	Lin					
6E	5,548,487	8/20/1996	Brab	etz et al.		· · · · · · · · · · · · · · · · · · ·		<u></u>
6F	5,379,188	1/3/1995	Win	slow				
6G	5,311,395	5/10/1994	McG	aha et al.				
6H		1/4/1994	Smit	thers	-			
61	5,206,792	4/27/1993	Revi	nolds				
6J	5,050,038	9/17/1991		aurie et al.				
6K	4,953,061	8/28/1990		iewicz		· · · · · · · · · · · · · · · · · · ·		
	DOCUMENT NUMBER	PUBLICATION DATE	NA	ME OF PATENTEE OR APPLICANT	F	Pages/Columns/Line evant Passages/Figu	es Where ures Appear	Check if Translatio attached
6L								
6М								
6N								
60								1
6P								
	OTHER REF	ERENCES (includir	ng Autl	nor, Title, Date, P	Pertine	nt Pages, etc.)		
60	ם							
6F	3		,					
68	6							

Sheet 7 of 7

FORM	л PTO-1449	ATTY. DOCKET NO.	Α	PPLICATION NO.	CONFIRMATIO	N NO			
	OF PATENTS AND P	LIRLICATIONS FOR		200310103-1					
	ICANT'S INFORMAT	ION DISCLOSURE		APPLICANT					
	STATE	EMENT		Meyer et al.	G	ROUP		•	
	(Use several sheets	if necessary)							
REFERENC	E DESIGNATION	U.S. PA	ATENT	T DOCUMENTS					
EXAMINER INITIAL	DOCUMENT NUMBER	PUBLICATION DATE		NAME	Re	Pages, Column elevant Passages	s, Lines Where or Figures Appear	•	
7.4	4,942,498	7/17/1990	Τοι	ussaint					
7E	4,709,302	11/24/1987	Jor	dan et al.		<u>. </u>		•	
70	4,665,467	5/12/1987		eraw et al.				•	
70	4,403,102	9/6/1983	Jor	dan et al.				•	
78	4,321,423	3/23/1982	Joh	nnson et al.				•	
7F	=								
70	G		١.			·· ·		•	
71	4							•	
71								•	
7.	ı			,				•	
7 K	<		1					•	
	DOCUMENT PI NUMBER		PUBLICATION NA DATE			Pages/Columns/Lines Where Relevant Passages/Figures Appear		neck if nslation ached	
7L	-								
71	И								
71	N						İ		
70	O .								
7F									
	OTHER REF	ERENCES (includin	ng Au	thor, Title, Date, Pe	ertinen	t Pages, etc.)			
7	70								
	7R								
	'n								
	10								
	'S								
EXAMINER			· -	DATE CONCIDENT				•	
EVENIMIATI	•			DATE CONSIDERED					